Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 06 Sep 2022 until 23:59 on Wednesday 07 Sep 2022

Forecast Issued on Monday 05 Sep 2022 at 13:14

Confidence: High for the unsettled theme, but low for initial rain and thunderstorm detail – becoming very low beyond midweek.

Headline for Tuesday 06 Sep 2022: Early mist and low cloud clearing to sunny spells, followed later by showery rain and risk of thunderstorms. Warm but breezy.

Mountain weather hazards on Tuesday 06 Sep 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Thunderstorm	Light rain	Cloudy	Cloudy	Sunny intervals	Light rain showers	Thunderstorm	Heavy rain showers (night)
Precipitation probability							
60%	40%	10%	10%	10%	30%	60%	60%

Forecast for Tuesday 06 Sep 2022

Weather: A swathe of rain should gradually clear northwards during the early hours, with this punctuated by heavier downpours and a risk of thunder. Areas of mist and low cloud should greet daybreak, with these breaking to reveal some warm sunny spells for a time. A further swathe of rain and thundery showers should then arrive from the southwest during the afternoon, with deteriorating visibility, locally gusty winds and the risk of hail showers into the evening.

Chance of cloud-free hill tops above 600m: 20% improving to 80% through the morning, but with deterioration back to 20% later in the afternoon.

Low cloud and visibility: Areas down to valley floors first thing, else 300 metres, lifting and breaking during the first half of the morning to clear the peaks. Cloud becoming extensive down to 300 metres once again into the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 06 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 SE	14/19 SE	14/18 SE	13/18 SE	14/21 S	16/24 SE	15/21 SE	15/23 S	16/25 S
300	14/22 SE	9/17 E	10/18 SE	11/16 S	12/19 S	14/23 SE	12/20 S	11/19 S	12/21 S
Valley	8/20 SE	6/14 E	7/14 E	8/15 S	9/18 S	12/23 SE	8/17 SE	8/18 SE	8/19 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	14/11	13/11	14/12	15/13	14/11	13/10	12/10	12/9
300	16/14	15/14	15/14	16/15	18/16	17/14	16/14	15/13	14/12
Valley	16/16	15/15	16/15	17/17	19/18	19/16	16/15	15/14	14/13
Freezing Level*	2800m	2700m	2500m	2400m	2200m	2600m	2700m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts of around 35mph or so are possible in association with heavy shower or thunderstorm activity, with greater directional variability than shown also likely as a consequence.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 05 Sep 2022	4mm	4mm	4mm

Forecast for Wednesday 07 Sep 2022

Weather: Probably a rather murky start, with extensive low cloud. Otherwise, continuing rather warm but unsettled, with a risk of heavy showers and thunderstorms, especially during the afternoon. Strong gusts are again likely to be associated with any heavy showers or thunderstorms.

Maximum wind: South or southwesterly 30mph near showers.

Chance of cloud-free hill tops above 600m: 20% improving 80% through morning.

Low cloud and visibility: A similar set-up to Tuesday, although perhaps with less in the way of deterioration later. Note the low confidence in detail.

Temperature: **Valleys:** Plus 12 becoming plus 24 degrees Celsius.
At 600m: Plus 10 Celsius.
Freezing level: Well above the peaks.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.